

Replacement Claims 7, 9, 10, 11 and 12

SUB 10
G

7. (Amended) A set of nucleic acid probes, comprising a plurality of instances of a sequence of universal and designate nucleotides ordered in a pattern, wherein the probes are displayed on a solid support.

AS 14

8. (Amended) The chip of claim 8, wherein the pattern is iterative.

SUB 13
AB

10. (Amended) The chip of claim 8, having a universal nucleotide selected from the group consisting of 5-nitroindole and 3-nitropyrrole.

11. (Amended) The chip of claim 8, wherein each particular instance is associated with a particular location on the chip.

12. (Amended) The chip of claim 8, wherein each probe further comprises a sequence of at least two contiguous designate nucleotides bound to an end of the pattern.